Amendments to the Claims:

Please amend the claims to read as follows. This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1.   (Previously presented) A method for synchronizing a first artifact and a second artifact, the first and second artifacts being interdependent and concurrently modified, the first and second artifacts each having a plurality of elements and being of different formats, the method comprising:

performing a reverse engineering operation to generate a temporary artifact having all the elements of a last synchronized version of the first artifact and having all the elements of a latest version of the second artifact transformed as the first artifact;

merging the temporary artifact and a latest version of the first artifact to create a synchronized version of the first artifact; and

performing a forward engineering operation to generate a synchronized version of the second artifact having all the elements of the latest version of the second artifact and having all the elements of the synchronized version of the first artifact transformed as the second artifact.

2.   (Original) The method of claim 1 wherein one of the first and second artifacts is a software model artifact and the other of the first and second artifacts is a code artifact.

3.   (Currently amended) The method of claim 2 wherein the software model artifact is a ~~UML~~ Unified Modeling Language file.

4.   (Currently amended) The method of claim 2 wherein the code artifact is a ~~3GL~~ third-generation language source file.

5.   (Canceled)

6.   (Canceled)

7.   (Previously presented) A computer program product for use with a computer system, the computer program product comprising a computer useable medium having embodied therein program code for processing a first and a second artifact each having a plurality of elements and being of different formats, the first and second artifacts being interdependent and concurrently modified, the program code comprising:

program code for performing a reverse engineering operation to generate a temporary artifact having all the elements of a last synchronized version of the first artifact and having all the elements of a latest version of the second artifact transformed as the first artifact;

program code for merging the temporary artifact and a latest version of the first artifact to create a synchronized version of the first artifact; and

program code for performing a forward engineering operation to generate a synchronized version of the second artifact having all the elements of the latest version of the second artifact and having all the elements of the synchronized version of the first artifact transformed as the second artifact.

8.   (Original) The computer program product of claim 7 wherein one of the first and

second artifacts is a software model artifact and the other of the first and second artifacts

is a code artifact.

9.   (Canceled)

10.   (Canceled)

11.   (Canceled)

12.   (Canceled)

13.   (Canceled)

14.   (Canceled)

15.   (Previously presented) An apparatus for synchronizing a first artifact and a

second artifact, the first and second artifacts being interdependent and concurrently

modified, the first and second artifacts each having a plurality of elements and being of

different formats, the apparatus comprising:

        means for performing a reverse engineering operation to generate a temporary

artifact having all the elements of a last synchronized version of the first artifact and

having all the elements of a latest version of the second artifact transformed as the first

artifact;

        means for merging the temporary artifact and a latest version of the first artifact to

create a synchronized version of the first artifact; and

        means for performing a forward engineering operation to generate a synchronized

version of the second artifact having all the elements of the latest version of the second

artifact and having all the elements of the synchronized version of the first artifact

transformed as the second artifact.

16.   (Original) The apparatus of claim 15 wherein one of the first and second artifacts

is a software model artifact and the other of the first and second artifacts is a code

artifact.

17.   (Canceled)

18.   (Canceled)